

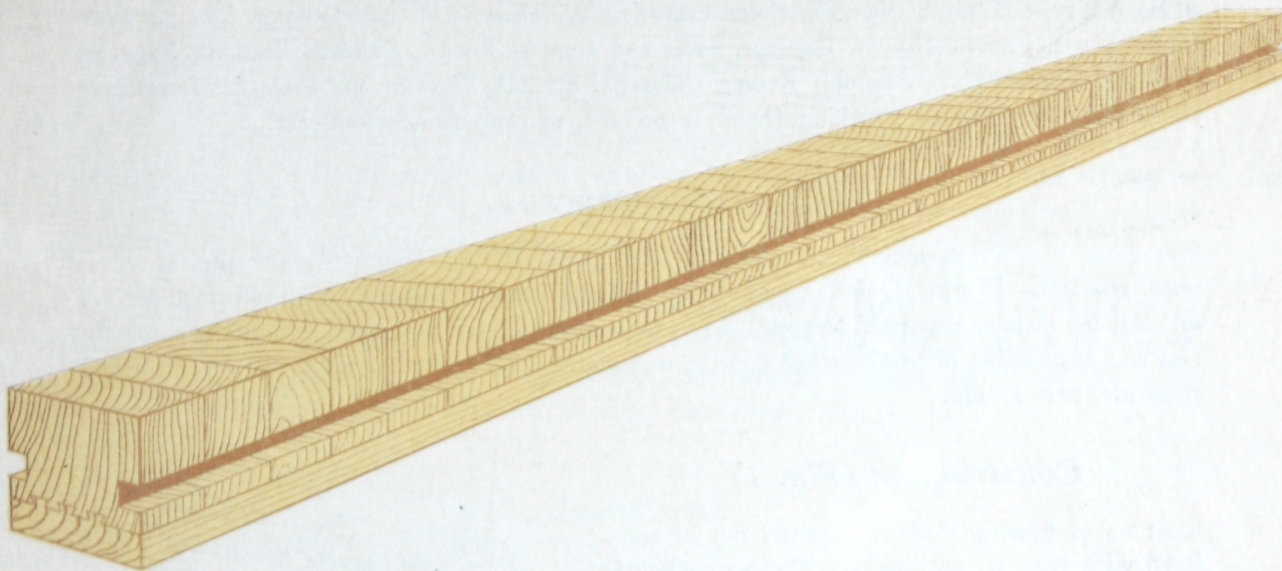
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THE FRANKLIN INSTITUTE

713 1922

# Bloxonend Flooring

*Standard Specification for Architects and Engineers  
(As recommended by American Institute of Architects)*



*Department—Flooring, Lumber or Woods  
Sub-Dept.—Flooring Wood (Bloxonend)*

## CROSS INDEX DIVISIONS

Block Flooring	Flooring Freight House
Bloxonend Flooring	Flooring Heavy
Carter Bloxonend Flooring	Flooring Loading Platform
Flooring Assembly Rooms	Flooring Matched
Flooring Block	Flooring Scale Platform
Flooring Bloxonend	Flooring Shipping Room
Flooring Creosoted	Flooring Shop
Flooring Elevator	Flooring Warehouse
Flooring End Grain	Flooring Wooden
Flooring Factory	Flooring Yellow Pine

*Treatment Bloxonend Flooring (Index Under Floor  
Finishing, Paints and Preservatives)*

## Carter Bloxonend Flooring Company

501 Fifth Avenue, New York City, N. Y.



# Bloxonend Flooring

## Uses

A High Grade Heavy Service Floor, for Factories, Warehouses, Shipping Rooms, Loading Platforms, Shops, Freight Houses, Baggage, Mail and Express Rooms, Railroad Stations, Baggage, Mail and Express Cars, Assembly Rooms, Industrial Schools, Elevator and Scale Platforms, and all surfaces subjected to Trucking (hand or power), or concentrated footwear.

## Advantages

Durability. Resilience. Smoothness. Adds to volume and efficiency of production. Absorbs vibration. Insulates. Warm. Quiet. Comfortable. Smooth but not Slippery. Firm safe foothold. A soft bed for tools or materials dropped. Advantages of good block pavement, with greater smoothness and adaptability of best matched flooring to building work, whether steel, concrete or wood structure, new or old.

## Construction (Fig. 1)

Built up in flooring sections. (Should not be confused with loose paving blocks.) Blocks of selected Southern Pine (on end) are dove-tailed to horizontal base boards presenting end of the grain to wear, forming flooring sections which are finished to uniform height and grooved in the sides for heavy splines (slip tongues). Splines are used to break joints giving support to end joints and keeping flooring sections in alignment.

## Size (Standard)

After exhaustive experiments and practical use, Bloxonend is now made in but one size, consisting of 2" blocks on base made from 1", making sections finish  $2\frac{9}{16}$ " thick by  $3\frac{1}{2}$ " face, in lengths up to 8' (largely 7 to 8'). Bloxonend is not made in specified lengths.

## Application

(1) *Over concrete*—Standard. (Fig. 2) Laid at right angles on and nailed to beveled sleepers bedded in structural slab or laid over slab and filled flush. 2 x 4 sleepers at  $15\frac{3}{4}$ " centers are standard for ordinary work. Size of sleepers can be increased and centers reduced for extra heavy or exposed service, or other special conditions. Advice for such special conditions furnished on receipt of details.

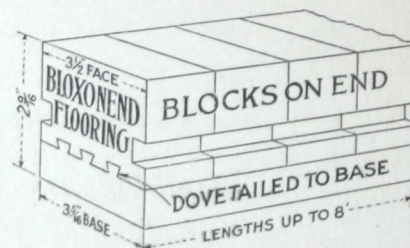


Fig. 1. Working drawing with dimensions marked.

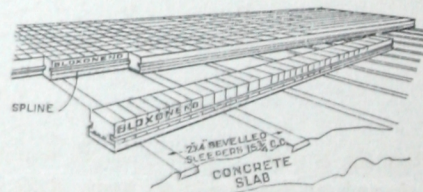


Fig. 2. Bloxonend on beveled sleepers in concrete.

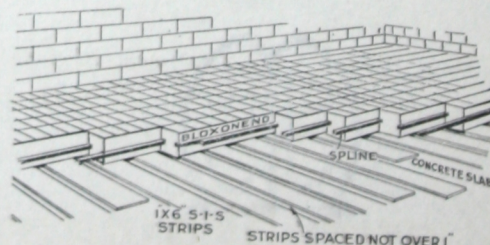


Fig. 3. Bloxonend on flat strips over neat concrete.



(2) *Over concrete*—Alternate. (Fig. 3) Over neat concrete slab or old concrete floor grouted smooth, Bloxonend may be laid at right angles on flat strips not bedded. Strips should practically cover slab except for slight air space between. 1 x 6 strips SIS are standard for this type. Nail through Strips with nail of size and length to snub on concrete and clinch under strips forming whole into a floating floor or mat. This type is desirable only for strictly dry locations and occupation, and particularly where height or weight of sleepers and fill are objectionable.

(3) *Over Wood Structure*. Over joists or open sleepers Bloxonend should be laid on substantial sub-floor of proper thickness to furnish firm level support, according to spans and loads contemplated, allowing for Bloxonend itself the tensile strength of a good inch floor. Where structural conditions admit and service requires, sub-floor laid diagonally at not less than 45 degrees to supports (or better 60 or 75 degrees) and Bloxonend at right angles to supports will preserve maximum strength and stiffness of both.

(4) *Nailing*. Bloxonend may be toe-nailed through base before inserting splines, blind nailed in groove or nailed through splines after same are inserted, according to location and use of floor. Nails will vary in gauge and length with location and method of nailing. More detailed instructions for laying specific jobs will be furnished on application.

### *Treatment*

Bloxonend can be treated before shipment where specified. Treatment is essential for exposed use and desirable in other places where the nature of occupation does not make it objectionable and maximum life is essential.

### *Shipment*

Bloxonend is manufactured at and shipped from the Company's plant at Kensett, Ark. Our Railroad has connection with M. P., C. R. I. & P. and M. & N. A. Railroads.

### *Information*

Bloxonend is used in many plants where highest American manufacturing standards are maintained and on leading Railroads. List of installations of interest and details desired will be furnished on request. In writing for prices and other information, advise areas to be covered, use of floors and nature of construction.

*For Prices and Further Information, Write or  
Refer Owners or Contractors to*

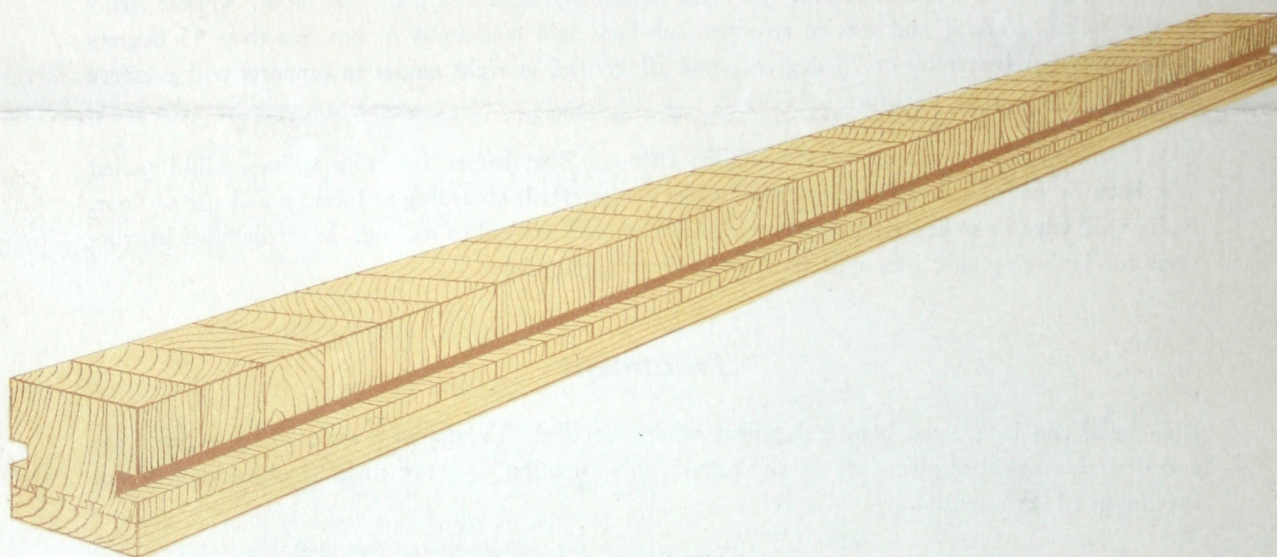
## **Carter Bloxonend Flooring Company**

501 Fifth Avenue, New York City, N. Y.

*January, 1920.*



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